

4. Proposed Casing Program:

Hole Size	Interval	Casing OD	Description
26"	0-40'	20"	Conductor, if necessary
17-1/2"	0-700'	13-3/8"	48#, H-40 ST&C New, R-3
12-1/4"	0-4900'	9-5/8"	36#/40# J-55 LT&C, New, R-3
8-3/4"	0-12,900'	7"	29# P-110, LT&C, New, R-3
6-1/8"	12900'-13800'	4-1/2"	15.10# P-110, MTC, New, R-3

Proposed Cementing Program:

20" Conductor: Ready-mix poured to surface.

13-3/8" Surface Casing: Cement w/ 300 sx Class "C" 35/65 Poz + 6% Gel + 2% CaCl₂ + .25% Celloflake (12.4 ppg, 2.07 yield). Tail w/ 250 sx 250 sx Class "C" + 2% CaCl₂ + .25% Celloflake (14.8 ppg, 1.34 yield). Float Equipment: Texas pattern shoe w/ insert float valve, 2 centralizers.

9-5/8" Intermediate Casing: Cement w/ 1200 sx Class "C" 35/65 Poz + 6% Gel + 5% Salt + .2% D46 + .25% Celloflake (12.4 ppg, 2.15 yield). Tail w/ 300 sx Class "C" (14.8 ppg, 1.32 yield). Float Equipment: Float shoe, Float collar above shoe joint, 10 centralizers.

7" Production Casing: Cement w/ 500 sx Class "H" 50/50 Poz + 2% Gel + .4% D167 + .2% D65 + .2% D13 + .2% D46 (14.2 ppg, 1.32 yield). Tail w/ 280 sx Class "H" + .3% D167 + .4% D65 + .3% D800 (15.6 ppg, 1.18 yield).

4-1/2" Production Liner: Cement w/ 250 sx Class "H" + .3% D65 + .1% D801 + .1% D153 + 2.3 gps D600 + 2% D174 + .1% M45 (16.4 ppg, 1.10 yield).